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33942 7590 12/28/2006

CHA & REITER, LLC
210 ROUTE 4 EAST STE 103
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04/03/2007 HDESS2 00000027 10625161

01 FC:1501 1400.00 OP
02 FC:1504 300.00 OP
03 FC:8001 15.00 OP

Steve Cha (Depositor's name)
[Signature] (Signature)
3-28-07 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/625,161	07/23/2003	Jeong-Hwan Song	5000-1-414	8002

TITLE OF INVENTION: ATHERMAL ARRAYED WAVEGUIDE GRATING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	03/28/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
LEPISTO, RYAN A	2883	385-037000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SAMSUNG ELECTRONICS CO., LTD

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

416, MAETAN-DONG, YEONGTONG-GU
SILWON-SI, GYEONGGI-DO
KOREA, REPUBLIC OF KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
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☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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